PLANT McMANUS
ASH POND COTREATMENT
SUMMARY TABLE

A) DRY WEATHER (PROCESS) FLOWS	(Maximum Flows used)		
02A Low Volume Waste		2.3 MGD	1600 GPM
02B Ash Transport		2.88 MGD	2000 GPM
02C Chemical Cleaning		0 MGD	0 GPM
Total Dry Weather (Process) Flow		5.18 MGD	
B) RAINFALL RUNOFF (Using SCS Method)			
Watershed Surface Area		64.00	
Ash Ponds Surface Area		31.00	
Total Runoff Area		95.00 Acres	
10-year, 24 hour storm		7.5 inches	
Annual Rainfall		50.7 inches	(0.139 inches/day)
Equivalent Direct Run-off		6.8 inches	
TOTAL Rainfall Runoff		17.51 MG	
C) REQUIRED WATER VOLUME			
(A) Dry Weather Flow + (B) Rainfall Runoff =		22.69 MG	OR 112,349 CY

D) ASH POND REMAINING STORAGE (See Note 2 and Note 3)

Based on remaining gas-fired (NO coal burned)

Projected Remaining Pond Volume for Wet Storage on 12/31

YEAR	2006	2007	2008	2009	2010	2011
CU YDS	128,721	128,721	128,721	128,721	128,721	128,721
MG	26.0	26.0	26.0	26.0	26.0	26.0

E) AVAILABLE WATER VOLUME on 12/31/2011		
See (D) Above and Notes 2 & 3 Below	26.0 MG	OR 128,721 CY

FROM ABOVE, (E) IS GREATER THAN (C), THEREFORE ASH POND CAPACITY IS SUFFICIENT

NOTES:

1. The rainfall runoff was determined using the Soil Conservation Service (SCS) Method and Georgia Manual for Sediment and Erosion Control, 2000 edition.
2. Available volume is based on the volume remaining per 1997 calculations (Strict Interpretation).
3. Volume remaining projected through year 2011 assumes that the Plant will continue to be operated as an oil fired facility with NO use of coal.